

YAROSLAVSKIY, N.Y., inzh.

Some data on the use of concrete pipes with plastic linings in
the construction of power systems in the German Federal Republic.
Energ. stroy no.39:100-103 '64.

(MIA 17:11)

YAROSLAVSKIY, V., brigadir montazhnik (Lobnya Moskovskoy obl.); SIPRIKOV, V. (pos.Zavolzh'ye Gor'kovskoy obl.); FAL'BAUM, G. (Odessa); STAREN'KIY, S. (Saratov, Vol'skaya, 91, kv.7); DUDNIKOV, A. (Krasnodar); UGLEV, P. (Perm'); MEDOVAYA, A., inzh. (Leningrad); TRIGUBOVICH, A., frezerovshchik (Dzerzhinsk, Minskoy obl.); FINOV, G., student (Tula); YAKOVLEV, A., slesar' (Moskva); MALININA, N. (Tallin); CHEPAYKIN, G., inzh. (Moskva)

Advertising board. Izobr.i rats. no.5 (201) 38-39 '63.
(MIRA 16:7)
(Technological innovations)

YAROSLAVSKII, V.P.

Pathogenesis and pathogenetic treatment of scleroma. Medich.zhur. 19
no.2:91 '49. (MIRA 10:12)

1. Z kliniki khvorob yukha, gorla, nosa Vinnyts'kogo medichnogo
institutu.
(RHINOSCLEROMA)

YAROSLAVSKIY, V.P.; RAKHLINE, I.A.; KHUDORETS, V.S.

Upper respiratory tract and auditory organs in tractor workers.
Vest. oto-rin. 17 no.5:69-71 S-0 '55. (MIRA 9:2)

1. Iz kafedry oto-laringologii (zav. prof. V.P. Yaroslavskiy)
Vinnitskogo meditsinskogo instituta.

(OTORHINOLARYNGOLOGY,
otorhinolaryngol. organs in tractor operators)

(AGRICULTURE,
otorhinolaryngol. organs in tractor operators)

~~YAROSLAVSKIY, V.P., professor~~

True cholesteatoma of the temporal bone. Vest. otorin. 18 no.2:
74-75 Mr-Ap '56. (MLRA 9:7)

1. Iz kliniki bolezney ukha, gorla i nosa Vinnitskogo meditsinskogo
instituta

(CYSTS

cholesteatoma of temporal bone)

(TEMPORAL BONE, cyste

cholesteatoma)

EXCERPTA MEDICA Sec.8 Vol.11/4 Neuro.-Psychiatry Apr 58
YAROSLAVSKIY, V.P.

1676. THE DIFFERENTIAL DIAGNOSIS OF OTOGENIC ABSCESES AND BRAIN TUMOURS (Russian text) - Yaroslavskiy V.P. - VESTN. OTO-RINO-LARING. 1956, 6 (44-50)

The difference is mainly quantitative - the frequency of the symptoms and their intensity. Symptoms of increased intra-cranial pressure appear earlier in abscesses than in tumours, with the exception of tumours situated near the CSF system. A characteristic feature of cerebral tumours is the gradual increase of headaches, going on sometimes for many months. Vomiting occurs much more often in tumours than in abscesses of the brain. At the same time bradycardia is considerably less frequent in tumours than in abscesses. Papilloedema was observed on an average in 50% of patients with cerebral abscesses and in 75-80% of those with tumours, in the latter the changes were much more profound, ending in total atrophy and blindness. As the location of cerebral tumours can be very variable, there is no predilection for any particular cranial nerves, whereas with abscesses there is predominance of lesions of the VIIth, IVth and IIIrd pairs of nerves. Cerebral tumours take an afebrile course, while with abscesses the temperature is often sub-febrile. Blood changes characteristic of a purulent infection are observed in abscesses but are not seen in tumours apart from the glioblastomas. The presence of meningeal symptoms is more characteristic of abscesses, whereas in tumours these symptoms appear only in the terminal stages. It is emphasized that in tumours the most diverse focal symptoms can appear. In otological clinics it is expedient to adopt the procedures of angiography of the cerebral vessels, electroencephalography, pneumoencephalography, pneumoventriculography. Five case-histories of patients with brain tumours are cited.

(S)

YAROSLAVSKIY, V.P.

YAROSLAVSKIY, V.P., prof.; RAKHLIN, I.A.

Surgical approach to laryngeal cysts. Vest.oto-rin. 19 no.4:27-30
(MIRA 10:11)
J1-Aug '57.

1. Iz kliniki bolezney ukha, gorla i nosa Vinnitskogo meditsinskogo
instituta.

(LARYNX, cysts
surg., method & approaches)

YAROSLAVSKIY, V.P., prof.

Evaluation of the opened and closed methods of surgery in otogenic
abscesses of the brain.[with summary in English]. Vest.oto.-rin.
20 no.3:35-40 My-Je '58 (MIRA 11:6)

1. Iz Kliniki bolezney ucha, gorla i nosa Vinnitskogo meditsinskogo
instituta.

(BRAIN, abscesses
otogenic, evaluation of open & closed methods of
surg. (Rus))

YAROSLAVSKIY, V.P., prof.

"Otogenic abscesses of the brain" by V.O. Kalina Reviewed by V.P.
Iaroslavskii. Vest.oto.-rin. 20 no.4:109-112 Jl-Ag '58(MIRA 11:7)

(BRAIN--ABSCESS)
(EAR--DISEASES)
(KALINA, V.O.)

YAROSLAVSKIY, V.Ye.

Primary alveolar echinococcosis of the spinal canal. Sov. med.
20 no.3:81-83 Mr. '56 (MLRA 9:6)

1. Iz patologanatomiceskogo otdeleniya Tarskoy rayonnoy
bol'nitay (glavnnyy vrach V.P. Panterovskiy) Omskoy oblasti.
(ECHINOCOCCOSIS,
spinal canal, case reports (Rus))
(SPINAL CANAL, diseases,
echinococcosis, case reports (Rus))

YAROSLAVSKIY V. Ye.

USSR/Human and Animal Morphology (Normal and Pathological). Lymphatic System.

S-4

Abs Jour: Ref Zhur-Biol., No 16, 1958, 74352

Author : Yaroslavskiy, V. Ye.

Inst : Omsk Medical Institute.

Title : Histopathology of Lymph Nodes of the Radix Pulmonis in Pulmonary Tuberculosis Treated with Antibacterial Antituberculosis Preparations.

Orig Pub: Tr. Omskogo med. in-ta, 1957, No 22, 121-120

Abstract: Lymph nodes (LN) of the radix pulmonis were studied in 28 children who died of primary tuberculosis. Nineteen children received specific antituberculosis treatment. After several days of treatment, an intensive

Card : 1/3

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USSR/Human and Animal Morphology (Normal and Pathological). Lymphatic System.

S-4

Abs Jour: Ref Zhur-Biol., No 16, 1958, 74352

multiplication of reticular cells sets in in LN. Later, around blood vessels and in tubercular nodes, there appears a hardening and swelling of argyrophil fibers. After treatment, the encapsulation, organisation and petrification of tubercular foci in LN are accelerated. Proliferation of connective tissue hinders the spreading of the inflammatory process beyond the limits of nodes. The sizes of necrotic foci are somewhat smaller than in untreated cases. Absence of primary necrosis of the tissue of LN, and the prevalence in them of a productive reaction gives evidence of

YAROSLAVSKIY, V. YE., CAND MED SCI, "Data for the
PATHOLOGICAL ANATOMY AND MORPHOGENESIS OF INTRATHORA-
CIC TUBERCULOSIS TREATED WITH ANTIBACTERIAL PREPARATIONS."
KEMEROVO, 1960. (SVERDLOVSK STATE MED INST). (KL, 2-61,221).

-300-

YAROSLAVSKIY, V.Ye.

Foreign bodies in the abdominal cavity penetrating from the
gastrointestinal tract. Arkh. pat. 22 no. 12:66-67 '60.

(MIRA 14:1)

(ABDOMEN—FOREIGN BODIES)
(ALIMENTARY CANAL—FOREIGN BODIES)

YAROSLAVSKIY, V.Ye., kand.med.nauk

Complications in the atropinization of young children. Vest.oft,
no.3:67-69 My-Je '62. (MIRA 15:8)

1. 2-ya gorodskaya klinicheskaya bol'nitsya (Kemerovo).
(ATROPINE--TOXICOLOGY) (OPHTHALMOLOGY)

YAROGLAVSKIY, V.Ya., kand. med. nauk

Pathomorphological indices of immunoreactive characteristics
of the organism during antibacterial therapy of tuberculosis.
Pravil. tub., no.4:81-84 '64. (MIRA 18:11)

1. Kafedra patologicheskoy anatomii (zav. - prof. I.S.
Novitskiy) Omskogo meditsinskogo instituta.

YAROSLAVSKIY, Ya. I.

State of the ear and the upper respiratory tracts in infectious hemorrhagic nephroso-nephritis. Zhur. ush., nos. i gorl. bol. 23 no.4:66 Jl-Ag'63. (MIRA 16:10)

1. Ia kafedry infektsionnykh bolezney (zav. - dotsent S.Ye. Shapiro) na baze gorodskoy infektsionnoy bol'nitsy i kafedry bolezney ucha, gorla i nosa (zav. - prof. V.S.Lyande) Khabarovskogo meditsinskogo instituta.
(KIDNEYS--DISEASES) (OTORHINOLARYNGOLOGY)

YAROSLAVSKIY, Ye.I.

Role and significance of reflexogenic symptoms in functional deafness
according to Pavlovian theory. Vest. otorinolar., Moskva 14 no. 4:
18-21 July-Aug. 1952. (CLML 22:5)

1. Professor. 2. Omsk.

1. YAROSLAVSKIY, Ye. I. (Prof.)
2. USSR (600)
4. Nikhinson, A.
7. What lesson can be derived from Dr. A. Nikhinson's article. Vop. pediat. 21, No. 1, 1953.
9. Monthly List of Russian Accessions, Library of Congress, April 1953, Uncl.

YAROSLAVSKIY, Ye.I., professor(Omsk)

Popular science pamphlets on tonsillitis. Vest.oto-rin 17
no.4:78-79 Jl-Ag '55. (MLRA 8:10)
(TONSILS--DISEASES)

YAROSLAVSKIY, Ye.I., professor (Omsk)

Facilitation of otorhinolaryngological aid to the rural population.
Vest. oto-rin. 17 no.5:72 S-0 '55. (MLRA 9:2)

(OTORHINOLARYNGOLOGY,
otorhinolaryngol. aid to rural population in Russia)
(RURAL CONDITIONS,
otorhinolaryngol. aid to rural population in Russia)

YAROSLAVSKIY, Ye.I.professor (Omsk)

Discussion on nomenclature and classification in otorhinolaryngology.
Vest. oto-rin. 17 no.6:54-58 N-D '55.

(MLRA 9:2)

(OTORHINOLARYNGOLOGY,
classif. & nomenclature.)
(NOMENCLATURE,
otorhinolaryngol.)

YAROSLAVSKIY, Ye.I. , professor (Omsk)

The work of an otolaryngologist in districts of virgin soil and
fallow land reclamation. Vest.oto-rin. 18 no.5:28-33 8-0 '56.
(MLRA 9:11)

(OTORHINOLARYNGOLOGICAL DISEASES, prev. and control
in Russia in districts of newly acquired virgin soil)

YAROSLAVSKIY, Ye.I. (Omsk)

Correlation between the higher nervous activity and conditioning processes. Zhur.nevr. i psikh. 57 no.4:542 '57. (MLRA 10:7)
(CENTRAL NERVOUS SYSTEM, physiology,
higher nervous funct., relation to conditioned
processes (Rus))

YAROSLAVSKIY, Ye.I., prof.; NOVITSKIY, I.S., prof. (Omsk)

Some comments on N.A.Karpov and P.V.Sipovskii's article "Pharyngeal lymphatic ring (tonsillar apparatus of the pharynx)." Arkh.pat. 22 №.7:78-80 '60.

(PHARYNX)

(LYMPHATICS)

(MIRA 14:1)

YAROSLAVSKIY, Ye.I., prof.

Review of the collection of papers "Problems of scientific and practical otorhinolaryngology" published by the Department of Ear, Throat and Nose Disease of the Arkhangel Medical Institute. Zhur., ush., nos. i gorl. bol. 23 no.2:87-89 Mr-Ap'63. (MIRA 16:8)

(OTORHINOLARYNGOLOGY).

YAROSLAVSKIY, Ye.I., prof. (Omsk)

Pathogenesis and therapy in dysphagia arising at the site
of a chemical burn of the esophagus. Vest. oto-rin. 25 no.2:
58-65 Mr-Ap '63. (MIRA 17:1)

PASHENKOV, Ya.M., kand. tekhn. nauk; YAROSLAVSKIY, Z.Ya., inzh.

Conference on the mechanization and automation of rural water supply systems. Gidr. i mel. 17 no.10:56-61 O '65.

(MIRA 18:10)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut gidrotekhniki i melioratsii im. Kostyakova.

YAROSLAVTSEV, A.

Our account with economic and planning organizations. №№ 2 no.3:
53-54 Mr '60. (MIRA 13:6)

1. Zamestitel' predsedatelya Moskovskogo oblastnogo pravleniya
Nauchno-tekhnicheskogo obshchestva mashinostroitel'noy promy-
shlennosti.
(Research, Industrial)

YAROSLAVTSEV, A., inzh.

Every gram of metal is utilized. NTO 5 no.5:37-39 My '63.
(MIRA 16:7)

1. Zamestitel' predsedatelya Moskovskogo gorodskogo pravleniya
Nauchno-tehnicheskogo obshchestva mashinostroitel'noy
promyshlennosti.
(Moscow--Machinery industry)

KRESHKOV, Anatoliy Pavlovich; YAROSLAVTSEV, Anatoliy Anatol'yevich;
ODERBERG, L.N., red.

[Course in analytical chemistry] Kurs analiticheskoi khimii.
Izd.2., perer. Moskva, Khimiiz. Book 2. 1964. 324 p.
(MIRA 17:11)

KRESHKOV, A.P.; YAHOSIATSEV, A.A.; BUDANOVA, L.M., redaktor; IUR'YE, M.S.,
tekhnicheskiy redaktor.

[A course in analytical chemistry] Kurs analiticheskoi khimii. Moskva,
Gos.nauchno-tekhn.izd-vo khimicheskoi lit-ry. Vol.2.[Quantitative
analysis] Kolichestvennyi analiz. Pod obshchei red. A.P.Kreshkova.
1954. 415 p.
(Chemistry, Analytical--Quantitative)

YAROSLAVTSEV, Anatoliy Anatol'yevich; KRESHKOV, A.P., red.; STUPNIKOVA,
N.I., red.; SHPAR, Ye.G., tekhn.red.

[Collection of problems and exercises in analytical chemistry]
Sbornik zadach i uprazhnenii po analiticheskoi khimii. Pod
red. A.P.Kreshkova. Moskva, Gos. nauchno-tekhn.izd-vo khim.lit-ry,
1958. 200 p.
(Chemistry, Analytical--Problems, exercises, etc.)

KRESHKOV, Anatoliy Pavlovich; YAROSLAVTSEV, Anatoliy Anatol'yevich;
ODERBERG, L.M., red.

[Course in analytical chemistry] Kurs analiticheskoi khimii.
Izd.2., perer. Moskva, Khimiia. Book 1. [Qualitative
analysis] Kachestvennyi analiz. 1964. 429 p.

(MIRA 17:10)

KIRILLOV, Ye.A. [deceased]; YAROSLAVTSEV, A.D.

Scraping crystallizer. Mash. i neft'. obor. no.1:27-33
'63. (MIRA 17:1)

1. Gosudarstvennyy nauchno-issledovatel'skiy i proyektnyy
institut neftyanogo mashinostroyeniya.

YAROSLAVTSEV, A. L.

(DECEASED)

1963/1

c' 1961

HICOCHEMISTRY

see ILC

BUKHMAN, G.D., inzh.; MARINOV, A.M., inzh.; MELAMED, B.M., inzh.;
YAROSLAVTSEV, A.M., inzh.

Start of a 200 Mw. block in the electric power system of
Sverdlovsk. Elek.sta. 34 no.2:2-7 F '63. (MIRA 16:4)
(Sverdlovsk—Electric power plants)

SERDYUKOV, M.K.; TSAREGRADSKIY, V.A.; YAKUBOVSKIY, V.I.; YAROSLAVTSEV, A.M.;
PRITSKER, L.S.

Methods and results of prospecting for ore deposits in Kazakhstan
using geophysical methods. Izv. AN Kazakh. SSR. Ser. geol. 21 no.
4:74-83 Jl-Ag '64. (MIRA 17:11)

1. Kazakhskiy geofizicheskiy trest, Alma-Ata.

YAROSLAVTSEV, A.N., inzh.

Immediate prospects for developing productivity of stonecutting
machines. Stroi. i dor.mashinostr. 3 no.11:25-28 N '58.
(MIRA 11:11)

(Quarries and quarrying—Equipment and supplies)

BESOONOV, A.F.; US'L'YANTSEV, V.M.; YAROSLAVTSEV, A.S.

Investigating the kinetics of phase transformations in a specimen
of magnesium and copper oxides. Izv. vys. ucheb. zav.; tsvet. met.
8 no.5:49-53 '65. (MIRA 18:10)

1. Ural'skiy politekhnicheskiy institut, kafedra metallurgii
tyazhelykh tsvetnykh metallov i Vostochnyy institut ogneuporov.

"APPROVED FOR RELEASE: 09/01/2001

CIA-RDP86-00513R001962210012-7

YAROSLAVTSEV, A.S. (Novosibirsk)

Obstetric stethophonendoscope. Fel'd. i akush. 26 no.11:21-23
N '61. (MIRA 15:2)
(PHONENDOSCOPE)

APPROVED FOR RELEASE: 09/01/2001

CIA-RDP86-00513R001962210012-7"

YAROSLAVTSEV, A.S.; SHURGIN, P.M.; SMIRNOV, V.I., akademik

Thermodynamic analysis of reactions involved in the autoclave
leaching of sulfides. Dokl. AN SSSR 153 no.2:408-411 N '63.
(MIRA 16:12)

1. Ural'skiy politekhnicheskiy institut im. S.M.Kirova. 2. AN
KazSSR (for Smirnov).

KHUDYAKOV, I.F.; YAROSLAVSEV, A.S.

Peculiarities of autoclave oxidation of binary sulfide alloys.
TSvet. met. 38 no.4:45-49 Ap '65. (MIRA 18:5)

YAROSLAVTSEV, A.S.; SMIRNOV, V.I.

Experiments in autoclave leaching of zinc cake. Tsvet. met.,
38 no.5:26-29 My '65. (MIRA 18:6)

YAROSLAVTSEV, A.S.; SMIRNOV, V.I.

Metal and sulfur distribution in the autoclave leaching of zinc
concentrate. Izv. Vys. Ucheb. zav., tsvet. met. 7 no.5:58-62 '64
(MIRA 18:1)

1. Kafedra tyazhelykh tsvetnykh metallov Ural'skogo politekhnicheskogo instituta.

YAROSLAVTSEV, A.S.; KHUDYAKOV, I.F.; SMIRNOV, V.I., akademik.

Kinetics of sphalerite oxidation in an autoclave. Dokl. AN SSSR 158
no.2:456-459 S '64. (MIRA 17:10)

1. Ural'skiy politekhnicheskiy institut im. Kirova. 2. AN KazSSR
(for Smirnov).

TIKHONOV, A.I.; YAROSLAVTSEV, A.S.; SMIRNOV, V.I., akademik

Kinetics of cadmium sulfide oxidation in a "bubbling" bed.
Dokl. AN SSSR 159 no.1:12-196 N '64. (MIRA 17:12)

1. Ural'skiy politekhnicheskiy institut im. S.M. Kirova.
2. AN KazSSR (for Smirnov).

IVANOV, S.; YAROSLAVTSEV, B.

Outstanding workers and indifferent managers. Prom. keep.no.2:
32 F '56. (MLRA 9:7)
(Transcarpathia--Handicraft)

KOVAL', Lev Mikhaylovich; YAROSLAVTSEV, Boris Alekseyevich; GUROV, S.,
red.; KUZNETSOVA, A., tekhn. red.

[From small-scale to over-all mechanization] Ot maloi mekha-
nizatsii - k kompleksnoi. Moskva, Mosk. rabochii, 1961. 102 p.
(MIRA 15:2)

(Assembly-line methods)
(Moscow—Electric machinery industry)

YAROSLAVTSEV, B.M., dotsent

Embalming individual extremities of a corpse following the filling
of the arterial system with congealing matter. Uch. zap.
Biol.-pochv. fak. Kir. un. no.7:229-236 '58. (MIRA 15:10)
(Embalming)

YAROSLAVTSEV, B.M.

Scalpel for deep preparation and dissection (for efficiency improvement). Uch. zap. Biol.-pochv. fak. Kir. u. no.7:237-238 '58. (MIRA 15:10)

(Dissection—Equipment and supplies)

5
L40001-65 ZPA(s)-2/EAT(n)/EPP(c)/EPP(n)-2/EAN(m)/EPR/EAP(j)/T Po-4/Fr-4/
Ps-4/Pu-4 RM/DJ/GS

ACCESSION NR: AT5007908

S/0000/64/000/000/0182/0193

AUTHOR: Aleksenko, Yu. N. (Candidate of technical sciences); Buynitskaya, V.I.;
Zaslavskiy, V.V.; Zykov, N.V.; Korzov, V.N.; Meshcheryakov, M.M.; Rogoshkin, I.Ye.;
Stolpnik, V.P.; Stroganov, V.A.; Yaroslavtsev, B.Ye.

TITLE: Critical tests with the organic moderators monoisopropylbiphenyl and
gas oil

SOURCE: Moscow, Institut atomnoy energii. Issledovaniya po primeniyu organicheskikh
teplonositelye-samediliteley v energeticheskikh reaktorakh (Research on the
use of organic heat-transfer agents and moderators in power reactors). Moscow,
Atomizdat, 1964, 182-193

TOPIC TAGS: organic reactor coolant, power reactor, nuclear power plant, thermal
reactor, heat transfer agent, organic moderator, isopropylbiphenyl, gas oil,
thermal neutron

ABSTRACT: The article presents the results of critical tests on the organic moderators
isopropylbiphenyl and gas oil, a description of an experimental "organic reac-
tor", and some results of measurements carried out on this reactor. Graphs are in-
cluded showing the distribution of thermal neutrons for different values of lattice
spacing, the calculated dependence of the effective addition for gas oil and mono-

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L 40001-65

ACCESSION NR: AT5007908

isopropylbiphenyl, the dependence of the critical number of channels for mono-isopropylbiphenyl on the lattice spacing and for gas oil on both the temperature and lattice spacing, as well as the calculated values of the square length of moderation for biphenyl, mono-isopropylbiphenyl, and gas oil. The authors conclude that the physical experiments with critical assemblies carried out on mono-isopropylbiphenyl and gas oil have made it possible to verify the method and system of constants used for calculating the physical characteristics of reactors with organic heat-transfer agents. Orig. art. has 12 figures and 2 tables.

ASSOCIATION: None

SUBMITTED: 01Aug64

ENCL: 00

SUB CODE: MP, TD

NO REF Sov: 000

OTHERS: 000

Card

2/2 fm

ZVONOV, N.V.; ALEKSENKO, Yu.N.; STROGONOV, V.A.; MESHCHERYAKOV,
M.N.; BUYNITSKAYA, V.I.; YAROSLAVTSEV, B.Ye.

[Critical tests of an organic moderator - monoizo-propylbiphenyl] Kriticheskie opyty s organicheskim za-medlitel'cem-monoizopropildifenilom. Moskva, Inst atomnoi energii AN SSSR, 1960. 42 p. (MIRA 16:12)
(Nuclear reactors--Materials) (Biphenyl)

L 38079-65 EPA(s)-2/EWT(m)/EPF(c)/EPF(n)-2ENG(v)/EPR/EMP(j)/T/EPA(bb).2/
EWA(h)/EWA(l) Fc-4/Pe-5/Pr-4/Ps-4/t-1C/Peb/Pu-4 n/n/J/55/RK

ACCESSION NR: AT5007901

S/0000/64/000/000/0078/0094

67

67

P+1

AUTHOR: Aleksenko, Yu. N.; Vasil'yev, I. N.; Rokhlova, L. P.; Khramchenkov, V. A.; Yaroslavtsev, B. Ye.

TITLE: Changes in some of the thermophysical characteristics of monoisopropylbiphenyl and hydroterphenyl during radiolysis

SOURCE: Moscow. Institut atomnoy energii. Issledovaniya po primeneniyu organicheskikh teplonositeley-zamedliteley v energeticheskikh reaktorakh (Research on the use of organic heat-transfer agents and moderators in power reactors). Moscow, Atomizdat, 1964, 13-94

TOPIC TAGS: thermal reactor, nuclear power plant, power reactor, organic cooled reactor, reactor coolant, radiolysis, coolant, thermophysical property isopropylbiphenyl, hydroterphenyl

ABSTRACT: The dependence of the thermophysical characteristics on radiolysis was investigated for products in which this process is accompanied by the simultaneous formation of low-boiling compounds. Hydroterphenyl and monoisopropylbiphenyl were tested for kinematic viscosity and density after being subjected to different radiation doses under different temperature conditions. The change in spe-

Card 1/2

L 38079-65
ACCESSION NR: AT5007901

cific heat for specimens of monoisopropylbiphenyl was also determined. The specimens were irradiated in both aluminum and quartz ampoules and in loop plants at between 30 and 80 Mrad/hr. The monoisopropylbiphenyl specimens were irradiated at 370 - 380C. The results of measurements show that for temperatures over 100C, the dependence of the viscosity of monoisopropylbiphenyl on a 0 - 25% content of high-boiling products and a 200 - 300C radiolysis temperature can be determined within ±20%. The density of monoisopropylbiphenyl was measured at 20 - 220C on specimens containing 5, 13.45, 24.75 and 39.75% high-boiling products. The viscosity of biphenyl was measured after irradiation at 370C. The viscosity of biphenyl was measured at 20C as a function of the temperature of irradiation. The viscosity of biphenyl subjected to radiation at 370C was measured at 20C. The authors would like to thank Dr. V. V. Kostylev for his help.

The title of the original article has 10 figures and 3 formulas.

APPLICATION: Institute of Atomnoy Energii, Moscow (Institute of Atomic Energy)

SUBMITTED: 01Aug84 ENCL: 00 SUB CODE: NP, JC

NO REF Sov: 000 OTHER: 003

Card 2/2

YAROSLAVTSEV, G. F.

Mechanization of accounting in sugar refineries. Sakh. prom. 36
no.10:51-52 0 '62. (MIRA 15:10)

1. Novo-Troitskiy sakharney zavod.

(Sugar industry—Accounting)

YAROSLAVTSEV, G. D.

Tree Planting

Transplanting large trees. Les. khoz. 5, No. 9, 1952.

Monthly List of Russian Acquisitions. Library of Congress. November 1952. UNCLASSIFIED.

YAROSIAVTSEV, G.D.

Periods of root growth of certain woody plants. Biul.Glav.bot.
sada no.22:38-41 '55. (MLRA 9:5)

1. Leningradskaya ordena Lenina lesotekhnicheskaya akademiya imeni
S.M. Kirova.
(Roots (Botany))

YAROSLAVTSEV, G.D.

On the transpiration of transplanted trees [with English summary in insert]. Fiziol.rast. 3 no.5:405-408 S-O '56.
(MLRA 9:12)

1. Gosudarstvennyy Nikitskiy botanicheskiy sad imeni
V.M. Molotova, Yalta.
(Tree planting) (Plants--Transpiration)

YAROSLAVTSEV, G.D.

Sectional heterogeneity of root systems. Biul. Glav. bot. sada
no.24:71-73 '56. (MLRA 9:11)

1. Gosudarstvennyy Nikitskiy botanicheskiy sad imeni
V.M. Molotova. (Roots (Botany))

USSR / Cultivated Plants. Subtropical and Tropical M-8
Plants.

Abs Jour: Ref Zhur-Biol., 1958, No 16, 73179.

Author : Yaroslavtsev, G. D.

Inst : State Nikitskiy Botanic Garden.

Title : On the Growth Season of Roots of Several Exotics
Along the Southern Shore of the Crimea.

Orig Pub: Byul. nauchno-tekhn. inform. Gos. Nikitsk. botan.
sad, 1957, No 3-4, 50-52.

Abstract: From May 1955 to November 1956 in the Nikitskiy
Botanical Garden, observations were conducted on
the season of growth of the roots of Cupressus
sempervirens var. pyramidalis Nym., Cedrus deodara
Loud. and Sambucus nigra L. Roots of these stocks
have two periods of active growth (spring and aut-
umn) and two periods of little growth (summer and
winter). -- G. M. Kagan.

Card 1/1

Country : USSR
Category: Forestry. Forest Biology and Typology.

K

Abs Jour: RZhBiol., No 11, 1958, No 48710

Author : Yaroslavtsev, G.D.
Inst. : State Nikitsk Botanical Garden.
Title : Coalescence in Tree Roots.

Orig Pub: Byul. nauchno-tehn. Gos. Nikitsk. botan. sad. 1957,
No 3-4, 53-55.

Abstract: This article gives a list of the varieties in which the coalescence of the root systems is most frequently observed. Excavation of the intergrown roots of 17-20 year old atlas cedars in Yalta leskhoz (forestry establishment) showed that this phenomenon is explained by edaphic causes and moisture conditions.

Card : 1/1

COUNTRY : USSR
CATEGORY : Forestry. Biology. Typology.

ABS. JOUR. : RZhBiol., No. 14 1959, No. 63177

AUTHOR : Yaroslavtsev, G. D.
INST. : Academy of Sciences, USSR, Main Botanical Garden
TITLE : The Growing Together of Trees

ORIG. PUB. : Byul. Gl. botan. sada, AM SSSR, 1957, vyp. 28, 119-121

ABSTRACT : According to data from the literature the biological value of the growing together of trees is described, and examples are presented of joint growth of one species and of various species. The fact of the growing together of Populus tremuloides trees in the middle part of the Amur bottom land is described; these trees shed their leaves considerably earlier than solitary trees (1952). The dense joint growth of trees on the southern shore of Crimea is observed, where in 1955 on the Yalta tree farm up to 50% living stumps of Crimean pine are found. Reported on is the presence in the Yalta garden of living stumps of Aesculus hippocastanum,

YAROSLAVTSEV, G.D.

Growth and regeneration of pomegranate and fig roots. Biul.
Glav. bot. sada no.41:95-96 '61. (MIRA 14:11)

1. Gosudarstvennyy Nikitskiy bonaticheskiy sad.
(Trees) (Roots) (Botany) (Growth (Plants))

YAROSLAVTSEV, G. M.

"Critical Estimation and Improvement of Estimating Methods in the Spread and Number of Pests and Diseases," Itogi Nauchno-Issledovatel'skikh Rabot Vsesoluzhnogo Instituta Zashchity Rastenii za 1935 Goda, 1936, pp. 526-527. 423.92 L54I

So: STRA Si 90-53, 15 Dec. 1953

"APPROVED FOR RELEASE: 09/01/2001

CIA-RDP86-00513R001962210012-7

YAROSLAVTSEV, G.M. [IAroslavtsev, H.M.], inzh.; GUSAROV, M.I. [Husarov, M.I.],
inzh.

Creative accomplishments of inventors in Zaporozh'ye Province.
Mekh. sil'. nos. 9 no.4:13-14 Ap '58. (MIRA 11:5)
(Ukraine--Farm mechanization)

APPROVED FOR RELEASE: 09/01/2001

CIA-RDP86-00513R001962210012-7"

YAROSLAVTSEV, G.M., [Yaroslavtsev, H.M.]

Trailer on caterpillar treads for transporting feeds and manure.
Mekh. sil'. hosp. 9 no. 8:14 Ag '58. (MIRA 11:8)

1. Zaporiz'ke oblasne upravlinnya sil'skogo gospodarstva.
(Tractors--Trailers)

AFANAS'YEV, B.L.; YAROSLAVTSEV, G.M.; YATSUK, V.I.

Conditions governing the formation of coal-bearing sediments in
foredeeps as revealed by the Pechora Basin. Mat.po geol.i pol.iskop.-
Sev.-Vost.Evrop.chasti SSSR no.1:5-22 '61. (MIRA 14:11)
(Pechora Basin--Coal geology)

YAROSLAVTSEV, G.M.

Methods for the study of paleogeographical conditions
governing the formation of coal. Mat. po geol. i pol.
iskop. Sev.-Vost. Evrop. chasti SSSR. no.2:67-73 '62.
(MIRA 15:11)

(Pechora Basin--Coal geology)

YAROSLAVTSEV, G.M. [I Aroslavtsev, H.M.]

Specialization of workshops in repairing tractors of a particular type. Mekh. sil'. hosp. 14 no. 5:26-27 My '63. (MIRA 16:10)

1. Nachal'nik upravleniya remonta i proizvodstvenno-tekhnicheskogo obsluzhivaniya Zaporozhskogo oblastnogo ob'yedineniya "Sil' gospotekhnika."

AFANAS'YEV, B.L.; YAROSLAVTSEV, G.M.; YA'TSUK, V.I.

Problems of the origin of a coal-bearing layer in the Pechora
Basin. Sov. geol. 7 no.3:58-65 Mr '64. (MIRA 17:10)

1. Vorkutskaya kompleksnaya ekspeditaiya.

AFANAS'YEV, B.L., red.; YAROSLAVTSEV, G.M., red.; YATSUK, V.I.,
red.; AMMOSOV, I.I., red.

[Geology of coal and oil shale deposits of the U.S.S.R.]
Geologija mestorozhdenij uglia i goriuchikh slantsev SSSR.
Moskva, Nedra. Vol.3. 1965. 488 p. (MIRA 18:5)

1. Russia (1923- U.S.S.R.) Gosudarstvennyy geologicheskiy
komitet.

SNEGIREV, M.M., inzh.; YAROSLAVTSEV, G.P., inzh.

Light relay for recording sheet breaks in the dryer section of the
papermaking machine. Bum. prom. 33 no. 12:22-23. D '58.
(MIRA 11:12)

1. Kamskiy tsellyulozno-bumazhnny kombinat.
(Papermaking machinery) (Electric relays)

YAROSIAVTSEV, I.A.

Similarity of Turbulent Flows and Methodical Analysis of Modeling Hydraulic Structures. Thesis for degree of Cand. Technical Sci., submitted 16 Mar 49,
Moscow Order of Lenin Inst of Railroad Engineers in. I. V. Stalin.

Summary 52, 18 Dec 52, Dissertations Presented for "degrees in Science and
Engineering in Moscow in 1949. From Vechernaya Moskva, Jan-Dec 1949.

YAROSLAVTSEV, I. A.

124-11-12697

Translation from: Referativnyy Zhurnal, Mekhanika, 1957, Nr. 11, p. 53 (USSR)

AUTHOR: Yaroslavtsev, I. A.

TITLE: Investigation of the Operation of Water-Transport Engineering Works
on Rigid, Modified Models. (Issledovaniye raboty transportnykh gidro-
tekhnicheskikh sooruzheniy na zhestkikh iskazhennykh modelyakh)

PERIODICAL: Tr. Mosk. in-ta zh. -d. transp., 1957, Nr 88/9, pp 115-138

ABSTRACT: The paper contains a detailed analysis of similarity criteria as applied to hydraulic engineering and also a discussion of the possibility and necessity for simulating the natural roughness in the reproduction on models of portions of river beds. The author establishes that for natural channels the absence or presence of roughness similarity of model versus full-scale feature is devoid of any practical significance. Evidence therefor is adduced from the results of a test conducted by the A. with a 650-percent range of the relative roughness (from 0.075 to 0.5 cm). From the graph of A. P. Zegzhd the friction coefficient λ should vary from 0.007 to 0.015, whereas actually it changed only from 0.058 to 0.061 on the model. The A. arrives at the conclusion that the friction of natural courses of water is determined by the characteristics of the profile of the latter and not by the small-scale roughness of

Card 1/2

124-11-12697

Investigation of the operation of water-transport engineering works on rigid, modified models (continued)

their sides and bottoms; hence, he proposes that, in any model modification, calculations be based on M. A. Velikanov's concept of an "effective" Froude number, $v^2/g l$. Formulas are given for the maximum possible distortions of the scales for the purpose of simulation of velocities, discharges, et. al. Judging the permissible degree of distortion of the shape of the simulating flow on the basis of the A.'s range of tests, it is recommended that the criterion $h/R \leq 1.2$ be adhered to. At the end of the paper, a comparative example is shown, containing the calculation of a distorted river model made in accordance with the methodology proposed by the A., as against the customary method based on the Froude criterion. In conclusion the A. discusses the limits of applicability of the methodology proposed by him in the use of modified simulation and that of the usually employed methodology of simulation according to Froude. The reading and understanding of the paper is rendered somewhat difficult by the absence of a legend and clarification of a number of symbols and designations employed by the Author.

A. M. Latyshenkov

Card 2/2

ANDREYEV, Oleg Vladimirovich, kand.tekhn.nauk; YAROSLAVTSEV, Igor'
Arkad'yevich, kand.tekhn.nauk; GOLUBKOVA, Ye.S., red.; LAKHMAN,
F.Ye., tekhn.red.

[Protection of bridges against washout] Zashchita mostovykh
perekhodov ot razmyva. Moskva, Nauchno-tekhn.izd-vo M-va avto-
mobil'nogo transp. i shosseinykh dorog RSFSR, 1959. 145 p.
(MIRA 12:4)

(Bridges--Repairing) (Rivers--Regulation)

BLIZNYAK, Ye.V., otv.red. [deceased]; ROSSINSKIY, K.I., otv.red.;
ANDREYEV, O.V., red.; VENDROV, S.L., red.; ZRELOV, N.P., red.;
POPOVA, K.L., red.; RZHANITSYN, N.A., red.; FIDMAN, B.A., red.;
YAROSLAVTSEV, I.A., red.; VIKULOVA, L.I., red.; VASIL'YEV, Yu.F.,
red. Izd-va; MAKUNI, Ye.V., tekhn.red.

[New methods and equipment for studying stream-channel processes]
Novye metody i apparatura dlia issledovanii ruslovykh protsessov.
Moskva, 1959. 220 p. (MIRA 12:8)

1. Akademiya nauk SSSR. Sovet po problemam vodnogo khozyaystva.
2. Sovet po problemam vodnogo khozyaystva Akademii nauk SSSR
(for Bliznyak). 3. Giprorechtrans Ministerstva rechnogo flota
RSFSR (for Vendrov). 4. Vsesoyuznyy nauchno-issledovatel'skiy
institut transportnogo stroitel'stva (for Yaroslavtsev).
(Hydrology--Research)

YAROSLAVTSEV, I.A., kand. tekhn. nauk; SAZYKIN, I.A., kand. tekhn. nauk

Elastic filterless embankment from reinforced concrete. Transp.
stroj. 14 no.9:24-25 S '64 (MIRA 18:1)

YAROSLAVTSEV, I.A., kand. tekhn. nauk

Stabilizing shore slopes with concrete slabs. Avt. dor. 27
(MIRA 17:9)
no.4:9-10 Ap '64.

L 4023P-66 EMP(a)/EMP(m)/EMP(v)/T/EMP(t)/ETI/EMP(k) IJP(c) JD/IM/SH

ACC NR: AR6014581

SOURCE COIE: UR/0081/65/000/021/M004/M004

AUTHORS: Shilyayev, A. S.; Irobyazko, G. A.; Yaroslavtsev, I. M.

TITLE: Ultrasound plating of ceramics

SOURCE: Ref. zh. Khimiya, Abs. 21M32

REF SOURCE: Tr. N.-i. tekhnol. in-t, vyp. 8, 1964, 103-106

TOPIC TAGS: ultrasonic welding, ultrasonic vibration, ceramic to metal seal, metal ceramic material, metal plating

ABSTRACT: Application of solders composed of (%): Sn 90 + Zn 10 and Cd 18 + Sn 52 + Pb 30 onto ceramic (of the steatite type) radio components was performed by dipping the parts in the melts at temperatures exceeding that of the melting point by 20-50°C, with simultaneous sonification of the melt. The vibration amplitude is 2.5 + 3 μ, sonification time 5-20 sec, cohesive force between metal-plating and ceramics is 150-200 kg/cm². V. Kh. [Translation of abstract]

SUB COIE: 11

Card 1/1 MUL

YAROSLAVTSEV, I. N.

Indicatrix of Scattering For the Atmosphere of Tashkent.
Akademiya Nauk SSSR. Izvestiya. Seriya geograf. i geofiz., 1944,
v. 8, no. 2-3, p. 111-121. Summary in English.

YARSLAVTSEV, I. N.

"On the Question of the Index of Dust Scattering," Iz. Ak. Nauk SSSR,
Ser. Geograf. i Geofiz., № 2, 1945.

Tashkent Geophysical Observatory

YAROSLAVTSEV, I. N., USSR

"On the Spectral Composition of the Direct Radiation of the Sun, According
to Observations of Tashkent," Iz. Ak. Nauk SSSR, Geograf. i Geofiz., No 2, 1945.

Tashkent, Geophysical Observatory

YAROSLAVTSEV, I. N.

"Long wave radiation of the sun (650m -3000m) in Middle Asia,"
Iz. Ak. Nauk SSSR Geograf. i Geofiz., №. 5-6, 1945.

Tashkent Geophysical Observatory

YAROSLAVTSEV, I. N.

"Effective Night Radiation in Tashkent". Iz AN SSSR, Ser Geograf i Geofiz, No 5, 1946
(431-434).
(Meteorologiya i Gidrologiya, No 6 Nov/Dec 1947)

SO: U-3218, 3 Apr 1953

YAROSLAVTSEV, I. N.

"Scattering of Radiation in Tashkent," pp 67 (midpage) - 71.
(Meteorologiya i Gidrologiya, No 6 Nov/Dec 1947)

SO: U-3216, 3 Apr 1953

YAROSLAVTSEV, I. N.

"Modernization of an Emagram," No 4, pp 73-75.
(Meteorologiya i Gidrologiya, No 6 Nov/Dec 1947)

SO: U-3218, 3 Apr 1953

YAROSLAVTSEV, I. N.

2
① Geo

Meteorological Abst.
Vol. 4 No. 3
March 1953
Part 2
Bibliography on Frost
and Frost Forecasting

4C-279
Yaroslavtsev, I. M., Zamorozki. [Frosts.] Leningrad, Gidromet, Izdat., 1948. 26 p. 12
figs. DLC—A booklet for popular use explaining the physical causes of autumn and spring killing
frost (long wave radiation of the earth and atmosphere, local peculiarities, frost pockets, etc.).
A series of practical indications is given and maps of the average first and last killing frost in the
European part of the U.S.S.R. are presented. Damaging effects of killing frost on different kinds
of crop discussed and methods of frost prevention briefly outlined. Subject Headings: 1. Killing
frosts 2. Frost prevention 3. Frost effects on crops 4. Frost pockets 5. European U.S.S.R.—A.A.

551.524.37 u3

PA 28/49T79

YAROSLAVTSEV, I.N. Prof

USSR/Medicine - Light, Effects
Medicine - Lighting

Aug 48.

"Natural Illumination in Tashkent," Prof I. N.
Yaroslavtsev, 2 pp

"Gig i San" No 8

Reveals the beginning of surveys of illumination
conditions in Central Asia by the Tashkent Geophys Obs,
and expansion of the observation program including
studies of diffusion illumination (sky light) of
horizontal surfaces. Includes table.

28/49T79

YAROSLAVTSEV, I. N.

USSR/Physics
Atmosphere

Sep/Oct 48

"The Blue-Red Ratio ($\frac{B}{R}$) as An Optical Characteristic of the Sky," I. N. Yaroslavtsev, 8 pp

"Iz Ak Nauk SSSR, Ser Geog i Geofiz" Vol XII, No 5

Gives results of 3-year observation on the ratio of intensities of blue and red radiation streams from the zenith. Both streams were received by a selenium photocellment through Schott filters (marts Bg 5 and Rg 5). Ratio decreases with increase in atmospheric vapor tension; minimum is observed in Jul, maximum in Jan. Ratio is useful as a characteristic of the -.

53/49291

USER/Physics (Contd)

Sep/Oct 48

optical state of the atmosphere. Submitted by Acad L. S. Lyapenov, 20 Dec 46.

53/49291

PA 25/49r:6

YAROSLAVTSEV, I. N.

USSR/Geophysics

Nov/Dec 48

Radiation -- Reflection

Solar Radiation

"Reflected Radiation From Natural Surfaces in
Tashkent," I. N. Yaroslavtsev, 8 pp

"Iz Ak Nauk SSSR, Ser Geog i Geofiz" Vol XII, No 6

States results of systematic investigation of
reflected radiation from natural covers of earth
(snow, green and dry grass). Cites amounts of
potential of radiation, sums of heat, and albedo.

25/49r:6

YAROSLAVTSEV, I. N.

Yaroslavtsev, I. N. "The blue and red components in the brightness of a cloudless sky,"
Trudy Tashk. geofiz. observatorii, Issue 1, 1949, p. 79-83, - Bibliog: p. 83.

So: U-3736, 21 May 53, (Letopis 'Zhurnal 'nykh Statey, No. 17, 1949).

YAROSLAVTSEV, I. N.

Yaroslavtsev, I. N. "Aerosol layers and solar radiation," Trudy Tashk. geofiz. observatorii Issue 1, 1949, p. 84-87.

So: U-3736, 21 May 53, (Letopis 'Zhurnal 'nykh Statey, No. 17, 1949).

YAROSLAVTSEV, I. N.

USSR/Geophysics - Albedo

Jan/Feb 52

"Albedo of Natural Soil Cover in Tashkent," I. N.
Yaroslavtsev, Tashkent Geophys Obs

"Iz Ak Nauk SSSR, Ser Geofiz" No 1, pp 85-88

Attempts to get a stable albedo of the natural
soil cover. The albedo is obtained as ratio of
the continuously recorded radiative beams (1) re-
flected from natural soil cover and (2) emitted
by sun and sky. Six-year records supply data
for plotting of isopleths of albedo. Submitted
15 Mar 51.

205T47

YAROSLAVTSEV, I. N.
Metereological Abstract.
Vol. 4 No. 11
Nov. 1953
Radiation and
Temperature

4.11-139 551.521.12(58)
•Yaroslavtsev, I. N., Poludennye vechchiny naprilezhnilia priamoI solnechnoi radiatsii v Tashkente. [Midday value of intensity of direct solar radiation at Tashkent.] *Meteorologicheskii i Gidrologicheskii zhurnal*, No. 5:30-33, 1952, 2 figs., 5 tables, 6 refs. DLC--First observations of solar radiation were made in Central Asia at Pamir in 1901 by A. V. STANKEVICH and later in 1907 near Tashkent by N. A. KOROSTIKOV. The author presents the summary of systematic observations made in Tashkent during the last 25 years (1926-1950), which show that the maximum of midday direct solar radiation was recorded as 1.50 cal/cm² and minimum as 1.25 cal/cm². The absolute maximum of direct radiation was recorded on March 9, 1929 as 1.51 cal/cm². The most intensive radiation at Tashkent is usually observed in March and the lowest in Oct. The variations of monthly mean midday values of direct radiation and turbidity factor (for dry and wet turbidity) are shown on a graph for the period 1934-1950. The comparison of mean maximum ranges for many points of Central Asia, located between latitudes 41.9° to 35.3° and altitudes from 242 m to 4170 m above sea level, showed that the ranges of the maximum radiation depended on latitude, altitude above sea level and local climatic conditions. Subject Headings: 1. Solar radiation 2. Turbidity factor 3. Long period records 4. Tashkent, U.S.S.R.—N.T.Z.

YAROSLAVTSEV, I. N.

Dec 52

USSR/Geophysics - Sky Brightness

"Distribution of Brightness Over the Sky," I. N. Yaroslavtsev, Tashkent Sci-Res Geophys Observatory

Priroda, No 12, pp 112, 113

Presents 3 isophote figures showing the distribution of brightness over the sky on 30 Aug 48 (in blue light), on 26 Aug 48 (in yellow light), and on 19 Sep 48 (in red light). States that these figures agree for all colors and white light with those obtained earlier by Acad V. G. Fesenkov and Dorno for white light.

263T89

YAROSLAVTSEV, I. N.

154-119

I.Yaroslavtsev, I. N. Respredelenie larkostej po nebu. [Distribution of sky brightness.] 551.521.31
Akademii Nauk SSSR, Izdatelstvo Ser. Geofiz., No. 1:81-94, 1953. 13 figs., 11 refs. DLC—
Measurements of sky brightness were carried out at Tashkent by means of: 1) a specially
constructed photometer in which the brightness of the sky at different points is rendered
equal to the sky brightness at the zenith and 2) a selenium or silver sulfate photocell. The
results of measurements of sky brightness for various wave lengths, namely white light, ultra-
violet, blue, yellow and red light, both for clear and cloudy skies are presented graphically.
For cloudless skies the configuration of the isolines is similar for all wave lengths and is asym-
metrical in two directions. For cloudy skies four types of isolines are observed. Subject

Headings: 1. Sky brightness measurements 2. Tashkent, U.S.S.R.—I.L.D. *10/2*

YAROSLAVTSEV, I. N.

3.3-179

✓ Anshutsev, I. N. ^{551.521.31;551.560.24} Rezul'taty aktinometricheskikh izmerenii vo vrem'ia solnechnogo zatmeniya 25 fevralya 1952 g. v Tashkente. [Results of actinometric measurements during the solar eclipse of Feb. 25, 1952 in Tashkent.] Akademika Nauk, SSSR, Izdatel'stvo Ser. Geofiz., No. 6:83-87, 1952. 5 figs., 2 tables, 77 pgs. DLC—The distribution of the brightness of the sky in the infrared rays was measured during the eclipse and the results are shown on equivalent polar projections. The components of the radiational balance during the eclipse were recorded automatically. At the beginning the total positive radiational balance diminished rapidly, reached zero after first contact and then became negative; after completion of the eclipse, the positive balance was three times greater than at the start. The variation of the infra-red radiation intensity with the eclipsing of the solar disk by the moon is analyzed. Subject/Headings: 1. Solar eclipse, Feb. 1952. 2. Sky brightness. 3. Tashkent, U.S.S.R.

-I.L.D.

4
6
8

~~YAROSLAVTSEV, I. N.~~

USSR/Geophysics - Physics of the Atmosphere

FD-1722

Card 1/1 : Pub. 45-10/12

Author : Yaroslavtsev, I. N.

Title : Observations of infrared radiation during the solar eclipse of 30 June 1954 in Tashkent

Periodical : Izv. AN SSSR, Ser. geofiz., 184-185, Mar-Apr 1955

Abstract : The author states that during an eclipse there are special conditions set up with regard to the course of energy in the sun's radiation. Qualitatively and quantitatively the radiational energy variations depend not only upon the altitude of the sun but also upon the phase of the eclipse. The author presents his observations in the form of a graph with three curves, 1) the course of infrared radiation dispersed by the sky during the eclipse, 2) the contents of infrared dispersed radiation in an integral stream when an eclipse is not taking place and 3) the same, during an eclipse.

Institution : Tashkent Geophysical Observatory

Submitted : November 2, 1954

